

NEBRASKA WEATHER & CROPS

For Week Ending June 26, 1994

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NEBRASKA
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STATISTICS
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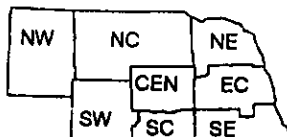
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National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
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WEATHER

Temperatures for the week averaged one to four degrees above normals. Precipitation occurred throughout the week with amounts varying from a tenth of an inch at Chadron up to 4.28 inches in Omaha.

GENERAL

Rainfall last week occurred statewide and improved the overall crop outlook but slowed fieldwork activities, according to the Nebraska Agricultural Statistics Service. Locally heavy amounts of rain caused limited erosion and some drowning out of crops. Reseeding of soybeans will occur in some fields. Overall, moisture received will be beneficial to crops and pastures. Producer activities included seeding millet, cultivating and spraying for weeds, sidedressing corn, irrigating crops, and harvesting wheat and alfalfa.

CROPS

Winter wheat condition was rated at 19% poor, 61% fair, and 20% good. The crop continued to turn color at a faster than normal pace with nearly all wheat turned to date, about 12 days ahead of normal. Wheat harvest has begun mainly in the southern districts, with 2% completed statewide and 4% average. Most other areas will see harvest activities underway during the week of July 4th. Harvest progress was slowed due to rainfall last week.

CROPS (Cont.)

Corn condition was rated at 15% fair, 65% good, and 20% excellent, an improvement over the previous week. Rainfall, in addition to heat, humidity, and sunshine, promoted rapid plant growth. Irrigation systems were in use where limited rainfall was received. Spraying for weeds continued.

Soybean condition was rated at 19% fair, 78% good, and 3% excellent. Some replanting occurred in fields damaged by washing rains. Cultivating remained active when surface conditions permitted. Blooming had begun in a few eastern and southern fields.

Sorghum condition was rated at 21% fair, 73% good, and 6% excellent. Cultivating and spraying for weeds continued.

Alfalfa condition was rated at 1% very poor, 8% poor, 35% fair, 45% good, and 11% excellent. Second cutting activities were 8% complete with yields below normal. **Wild hay** condition was rated at 2% very poor, 6% poor, 29% fair, 61% good, and 2% excellent.

LIVESTOCK

Pasture and range condition was rated at 89% of normal and compares with 104% last year. Last week's rainfall should help promote grass regrowth. For some producers, until that regrowth occurs, cattle will be rotated among available pastures. Even with potentially improved grazing conditions, continued rainfall this summer will be needed. The heat and humidity have been hard on feedlot cattle with a few deaths occurring.

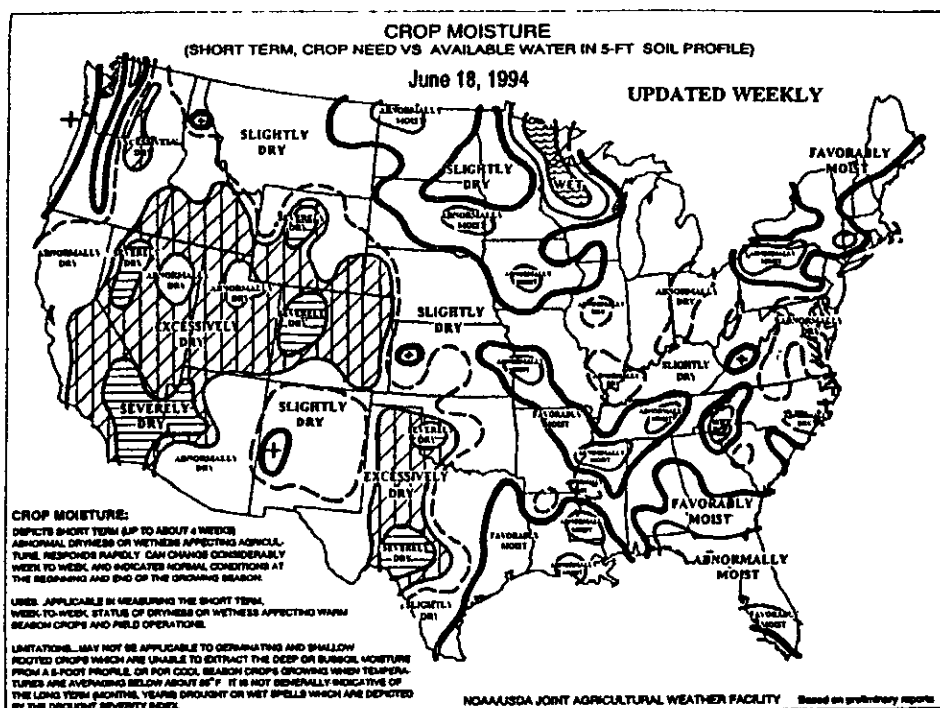
FIELD WORK PROGRESS AS OF JUNE 26, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% soybeans blooming	0	0	0	0	3	0	3	2	2	0	0	1
% alfalfa second cutting	3	16	6	5	8	6	4	22	8	0	4	4
% wheat turning	96	90	71	100	100	100	100	100	99	88	64	77
% wheat ripe	3	5	1	34	17	60	51	33	31	3	3	14
% wheat harvested	0	0	0	0	0	5	2	0	2	0	0	4
% dry beans emerged	99	100	100	100	0	100	100	0	99	94	96	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 24, 1994												
Days suitable	54	48	25	34	29	53	30	50	39	61	3.1	
Topsoil moisture - Short	58	17	0	0	0	70	7	24	19	58	2	
(Percent) - Adequate	42	77	87	100	71	30	86	76	72	42	47	
- Surplus	0	6	13	0	29	0	7	0	9	0	51	
Subsoil moisture - Short	42	0	0	14	5	80	7	18	17	23	0	
(Percent) - Adequate	58	100	94	86	85	20	93	82	80	77	70	
- Surplus	0	0	6	0	10	0	0	0	3	0	30	

n/a = not available

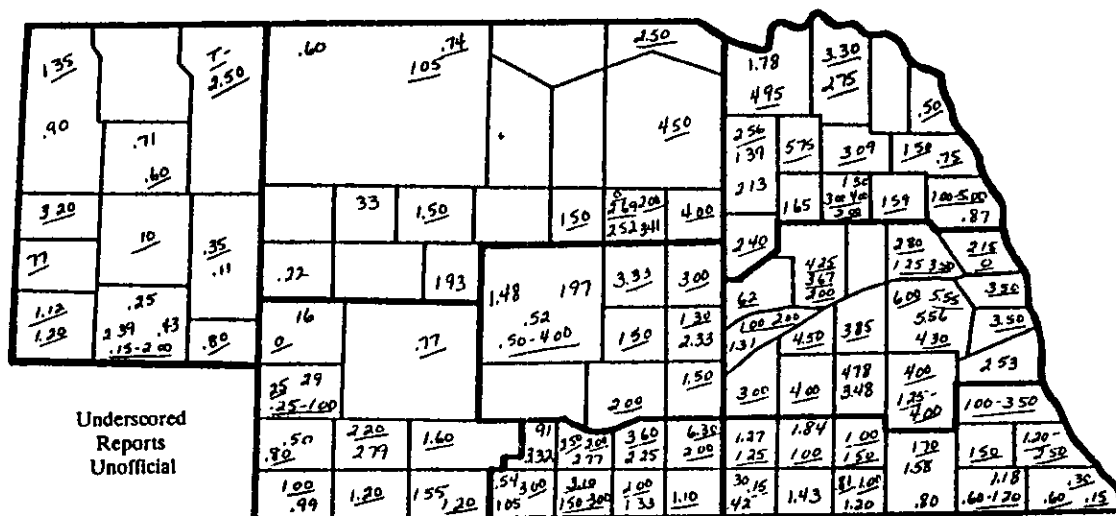
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 24, 1994



	PRECIPITATION, APRIL 1 - JUNE 24, 1994							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week80	1.50	1.55	1.58	3.53	1.05	1.74	1.11
Total since April 1	4.27	6.94	7.54	7.35	9.90	5.54	7.90	9.02
Normal since April 1	7.25	8.40	9.69	9.11	10.21	7.61	9.01	10.25
Total as % of normal	59%	83%	78%	81%	97%	73%	88%	88%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, JUNE 26, 1994

Station		Temperature			Precipitation	Growing Degree Data Since April 15			
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	100	55	72	---	.11	---	---	---
	Scottsbluff	98	55	72	+2	2.03	961	1101	869
	Sidney	100	49	71	---	.35	870	1011	776
NC	Valentine	90	45	71	+1	.48	---	---	---
	Arthur	---	---	---	---	---	887	1031	774
	O'Neill	---	---	---	---	---	911	1061	916
NE	Norfolk	96	57	75	+4	.97	---	---	---
	Sioux City	93	58	75	+2	.41	---	---	---
	Concord	---	---	---	---	---	975	1128	982
	Elgin	---	---	---	---	---	956	1111	922
	West Point	---	---	---	---	---	1037	1196	996
	Grand Island	95	57	75	+1	1.43	---	---	---
CEN	Ord	93	60	76	---	.06	991	1148	951
	Wood River	---	---	---	---	---	1026	1188	1048
	Lincoln	95	60	75	0	1.97	1104	1275	1094
EC	Omaha	96	62	76	+2	4.28	---	---	---
	Central City	---	---	---	---	---	1052	1213	1077
	Mead	---	---	---	---	---	1042	1201	1066
SW	Rising City	---	---	---	---	---	1026	1187	1057
	Imperial	---	---	---	---	---	---	---	---
	North Platte	93	53	73	+3	.77	969	1120	905
SC	McCook	---	---	---	---	---	1063	1228	1034
	Holdrege	---	---	---	---	---	1031	1190	1019
	Red Cloud	---	---	---	---	---	1052	1220	1070
SE	Beatrice	---	---	---	---	---	1060	1221	1057
	Clay Center	---	---	---	---	---	1041	1205	1030

1/ Precipitation totals not included in map above.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.